

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Cooler than normal temperatures throughout the State and wet weather limited field work last week. High temperatures ranged from 77 degrees in Grants Pass, down to 55 degrees in Crescent City. Low temperatures ranged from 43 degrees in Astoria/Clatsop, North Bend, Tillamook, and Portland, down to 19 degrees in Lorella. All stations but one reported measurable precipitation last week. The Bandon station reported the largest accumulation of rain with 4.20 total inches. Seventeen stations reported precipitation over an inch. Twenty-three stations reported at least four days of rain, but thirty stations were below seasonal precipitation levels.

Field Crops: Farmers attempted to spray when weather permitted, but were hindered by high wind. As spring wheat flag leaves emerged in the Willamette Valley, warm, moist conditions contributed to increase occurrence of disease among grain crops. Meadow fescue was close to bloom. In Southeast Oregon, cool weather slowed crop growth. Hay and clover were developing well in Washington County, and rain in Jackson County helped hay growth.

Vegetables: While greenhouses were busy getting vegetable starts out to growers, field work was limited last week due to rain and cool temperatures.

Fruits and Nuts: Filbert pruning continued with spraying for weeds. The year's first strawberries appeared at farmers markets in Washington County. Hail fell in Jackson County. Sweet cherries in Wasco County were at complete bloom. The Wasco cherry season appears to be one week late. Some frost damage and a lighter bloom should moderate crop size.

Nurseries and Greenhouses: Nurseries were selling trees and shrubs. They were digging, burlapping, and shipping arborvitae. Greenhouses were busy getting out spring vegetable and decorative plant starts. Bedding plants were ready for transplanting.

Livestock, Range and Pasture: Pastures in most of Western Oregon saw good growth last week, except Coos and Curry counties, where there was flooding in lower elevation pastures. Eastern Oregon reported poor growth because of cool temperatures. Livestock were looking good.

Soil Moisture - Week Ending 05/02/10

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	5	68	27
Subsoil	1	14	65	20

Crop Condition - Week Ending 05/02/10

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	0	4	35	50	11
Range and pasture	0	8	31	52	9

Crop Progress - Week Ending 05/02/10

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	86	84	90	89
Barley emerged	69	64	69	67
Spring wheat planted	94	92	85	91
Spring wheat emerged	76	64	50	65
Days suitable for fieldwork	3.9	4.6	4.3	5.5

Western Oregon

CLACKAMAS: Weather was wet during the week followed by a fairly dry weekend.

COOS/CURRY: Recent precipitation and cool temperatures have slowed grass production and flooded low-lying pastures. Low temperatures were slightly below the 5-year average in Bandon (Coos Co.) and over 2 degrees below the 5-year average in southern Curry. High temperatures through the week were slightly above the 5-year average in Coos and over 5 degrees below the 5-year average in southern Curry. Both Coos and Curry counties experienced heavy rainfall the first part of the week, with over 2 inches recorded in both Bandon and Brookings on Monday alone. Precipitation for the week was well over 4 inches in both counties, making up the weather year deficit. The drier weather over the weekend was much needed, and helped to drop the water levels in streams and rivers back to more normal levels. Bandon (Coos & Northern Curry): Low temp for the period was 40.02 degrees, 0.32 degrees below the 5-year average. High temperature for the period was 63.15 degrees, 0.51 degrees above the 5-year average. Precipitation for the period was 4.2 inches, 3.75 inches above the 5-year (including drought in 2005) average for the week. Precipitation for the Current weather year (began 10/09) stands at 50.47 inches, 0.88 inches above the 5 year average. Historical average precipitation October through April is 52.85 inches. Brookings (Southern Curry): Low temperature for the period was 40.33 degrees, 2.39 degrees below the 5-year average. High temperature for the period was 60.21 degrees, 5.44 degrees below the 5-year average. Precipitation for the period was 4.27 inches, compared to a 5-year (including drought in 2005) average of 0.68 inches. Precipitation for Current weather year precipitation (began 10/08) stands at 71.99 inches, 0.22 inches below the 5 year average. Historical average precipitation October through April is 64.54 inches.

DOUGLAS: Agricultural and vegetable growers' work was limited due to rain and cool temperatures. Vineyards and orchards were spraying fungicides.

JACKSON: Field work was limited by wet weather conditions. Rains have helped hay growth. There were still a few apple blossoms. Greenhouses were really busy getting out all the spring vegetable and decorative plant starts. Nurseries continued sales of trees and shrubs. Pastures still showed good growth and most livestock were now out on Valley pastures. There was potential damage to orchard crops or recently planted row crops from hail

storms around the Valley floor.

JOSEPHINE: There was a combination of rain and snow precipitation last week. Daytime temperatures ranged from the 60's to 40's. Night temperatures ranged from the 40's to 30's. Field work was limited due to rains and saturated soils. Livestock were looking good. Everything was blooming at once.

LANE: Warm and wet weather conditions during the week turned to cold temperatures and dryer weather toward the weekend. Annual ryegrass continued to grow on rain soaked prairie ground. Wheat plantings continued to struggle from wet weather conditions. Flag leaves on wheat were 80 percent emerged and fungicide spraying was still in full swing on weather permitting days. Ground tilling started, but soils were still wet.

LINN/BENTON/LINCOLN: Weather was unpredictable for spraying. There were reports of disease in newer wheat varieties stressed from wet weather. Many vegetables were waiting for warmer soil conditions.

MARION: Recent precipitation caused some early lodging in grasses. Grain crops have a lot more disease this year due to extended warm and moist conditions. Flag leaves were emerging. Meadowfoam was close to starting bloom.

WASHINGTON: Crimson clover were nearing bloom stage with excellent growth. Alfalfa, red clover, and wheat were developing well. Caneberries were leafing. Walnuts were not leafing. Filbert pruning continued with spray applied for weed and grass control. Apples were continuing to bloom. Bedding plants were ready for transplanting. Soil condition was still cold. Farmers market began last week. Digging, burlapping, and shipping of arborvitae. Pastures were continuing to grow. Temperatures ranged from 60 degrees to 40 degrees with humidity 51 to 63 percent.

YAMHILL: Last week continued to be damp and mild with slightly below average temperatures. Field prep and spraying were limited to windy conditions through the week. Trees were continuing to bloom. First Oregon Strawberries of the year were out at farmers stand. Lots of growth on grass and fall grain fields. Some planting continued.

Eastern Oregon

GILLIAM: High winds and scattered rain were typical weather last week.

GRANT: Range and pasture grasses grew slowly due to cold weather.

HARNEY: Measurable amounts of precipitation were received throughout the County mid week. Windy and unseasonably cool conditions were experienced throughout last week. Cool conditions limited crop, range, and pasture growth.

KLAMATH: There was rain and snow last week along with cool temperatures. Farmers postponed plantings for some areas due to rain, although irrigation still remained limited with no announcement concerning water deliveries.

MALHEUR: Temperatures were warm with .1 inch of rain early in the week, and then temperatures cooled off to mid 50's with high winds. Cool weather has been slowing crop growth. Winter wheat and alfalfa continued to look good.

MORROW: There were extremely high winds.

SHERMAN: Heavy and cold windy weather conditions limited farmers' spraying.

April precipitation levels were .41 inches above the long term normal. As of last week, precipitation levels were 1.25 inches over the long time crop year average.

UNION/BAKER: Heavy precipitation amounts ranged from .5 inches to 1.5 inches. Cool nights limited pasture growth.

WALLOWA: The county received much needed precipitation for crop and range growth.

WASCO: Cool, windy weather prevailed last week limiting spraying in wheat fields. Range land pasture grasses were starting to turn brown in the shallow areas from limited precipitation. Wild ryegrasses were starting to shoot up before heading out. Sweet cherries were at complete bloom. Some frost damage and a lighter bloom, however, should moderate the crop size. Season appears to be one week late.

Weather data for selected stations in Oregon, Week ending: May 2, 2010 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria/Clatsop	43	57	50	+0	2	-11	2.78	1.93	6	66.80	8.07	114	150
Bandon ⁸	40	63	50	-1	5	-9	4.20	3.42	7	51.56	-1.92	96	166
Crescent City	38	55	48	-4	2	-22	3.35	2.56	5	56.29	-3.52	94	135
Florence	40	57	49	-2	1	-13	3.65	2.66	7	74.28	5.90	109	139
North Bend	43	63	50	-2	5	-9	2.69	1.87	6	50.84	-6.78	88	135
Tillamook	43	57	51	+2	6	-1	3.16	2.03	7	55.63	-22.31	71	144
WILLAMETTE VALLEY													
Aurora ⁸	42	64	51	-1	11	-11	1.02	0.46	5	35.84	0.12	100	139
Corvallis	40	63	50	-2	9	-12	1.42	0.93	6	36.72	-1.55	96	154
Detroit Lake ⁸	35	59	45	-2	-	-7	4.10	3.26	7	71.07	10.99	118	144
Eugene	40	65	51	-2	14	-14	1.31	0.75	4	33.88	-10.47	76	124
Hillsboro	36	60	50	-3	8	-13	1.02	0.61	5	30.64	-2.43	93	128
McMinnville	38	60	50	-4	5	-21	1.42	0.93	5	23.95	-15.25	61	112
Portland	43	63	52	-2	19	-12	1.13	0.64	6	27.47	-3.71	88	146
Salem	42	63	52	+1	16	-5	1.33	0.84	5	37.26	2.50	107	131
SW VALLEYS													
Grants Pass	36	77	51	-5	18	-25	1.59	1.27	4	25.23	-3.48	88	122
Medford	37	71	51	-4	18	-19	1.22	0.99	5	12.58	-4.00	76	84
Roseburg	41	68	52	-2	22	-13	1.52	1.10	4	27.40	-2.07	93	129
NORTH CENTRAL													
Condon	29	59	45	-3	1	-6	0.32	0.04	4	12.23	1.49	114	89
Echo ⁸	36	68	53	-2	25	-16	0.22	0.06	3	6.64	-0.66	91	78
Heppner	33	66	48	-4	5	-17	0.43	0.11	4	7.88	-2.73	74	71
Hermiston	36	67	54	-2	29	-12	0.15	-0.01	2	6.82	-0.48	93	64
Madras ⁸	27	62	45	-5	-	-21	0.08	-0.06	3	7.81	-0.12	98	90
Moro	32	62	47	-3	-	-14	0.13	-0.01	2	11.33	2.31	126	78
Parkdale ⁸	37	56	47	-6	-	-28	0.45	0.17	4	32.49	4.07	114	134
Pendleton	37	68	51	-3	17	-17	0.64	0.41	4	9.28	-0.31	97	76
Prairie City ⁸	27	62	45	-5	-	-21	0.08	-0.06	3	7.81	-0.12	98	90
The Dalles	39	65	54	+4	30	+9	0.06	-0.08	2	10.50	0.02	100	87
SOUTH CENTRAL													
Agency Lake ⁸	26	61	40	-6	-	-7	0.41	0.20	3	9.21	-4.14	69	79
Bend	23	65	43	-3	-	-8	0.14	0.00	2	8.64	-0.40	96	33
Burns	26	70	43	-4	-	-11	0.21	0.04	3	8.52	1.37	119	83
Christmas Valley ⁸	22	65	40	-9	-	-19	0.43	0.23	3	4.57	-4.79	49	75
Klamath Falls	24	64	41	-8	-	-14	0.71	0.56	2	5.54	-5.50	50	69
Klamath Falls ⁸	24	63	40	-8	-	-14	0.65	0.50	1	6.49	-4.55	59	81
Lakeview	22	65	40	-8	-	-11	0.80	0.52	3	7.70	-4.52	63	89
Lorella ⁸	19	64	39	-9	-	-14	0.75	0.60	3	6.95	-4.09	63	79
Redmond	24	63	44	-4	-	-12	0.11	-0.03	1	5.49	-0.68	89	60
Worden ⁸	23	63	40	-9	-	-14	0.82	0.67	2	6.10	-4.94	55	70
NORTHEAST													
Baker City	28	64	45	-4	5	-9	0.16	-0.05	4	6.21	-0.56	92	73
Joseph	29	65	41	-3	3	+3	0.12	-0.30	3	9.35	-9.91	49	72
La Grande	36	66	48	-3	6	-15	0.69	0.34	4	7.69	-5.32	59	69
Union	34	67	47	-3	7	-7	0.47	0.13	3	9.50	0.37	104	66
SOUTHEAST													
Ontario	33	72	50	-6	14	-31	0.20	0.06	3	7.80	0.17	102	70
Rome	27	75	47	-5	11	-11	-	-0.21	-	6.63	1.10	120	59

¹ Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2009.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.